

L 6340-66

ACCESSION NR: AP5019881

amount $\Delta\lambda = 15 \text{ \AA}$. An approximate expression is derived for the width of the forbidden band as a function of the applied electric field and of the crystallite dimensions. The calculated expression agrees well with the experimental data. The frequency shift of the absorption is also calculated and is found to agree with the experimental data. Orig. art. has: 4 formulas. 6

ASSOCIATION: none

SUBMITTED: 19Mar65

NR REF SOV: 001

ENCL: 00

OTHER: 002

SUB CODE: SS, OP

nw
Card 2/2

L 19312-66 EWA(h)/EWT(1)/EWT(m)/T/EWP(t) IJP(o) GO/AT/WW/JD
 ACC NR: AP6003780 SOURCE CODE: UR/0181/66/008/001/0163/0165

AUTHORS: Britsyn, K. I.; Smirnov, A. A.

ORG: none

TITLE: Change in the width of the forbidden band of silicon in the electric field of a pn junction

SOURCE: Fizika tverdogo tela, v. 8, no. 1, 1966, 163-165

TOPIC TAGS: silicon, pn junction; forbidden band, light absorption, absorption edge, line shift, electric field

ABSTRACT: The authors investigated the variation of the absorption of light in the optical-activity region in the electric field of a pn junction of silicon, for the purpose of determining the shift of the absorption edge occurring when light passes through a strong electric field region and observing the Keldysh-Franz effect without the need for high resistivity samples or for strong electric fields capable of overheating the sample. The samples were prepared by diffusion of phosphorus in n-type silicon of 7.5 ohm-cm resistivity

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AGC NR: AP6003780

to a depth 4 -- 5 μ . The optical system of the apparatus made it possible to measure the transmittivity and reflectivity of silicon, and the light receiver was a photomultiplier with stable power supply.

At a wavelength of 1 μ in an average field of 5×10^4 v/cm the measured shift of the absorption edge was 0.14 ev, which agreed with the Keldysh theory. The frequency dependence of the method and means of improving its accuracy are briefly discussed. The authors thank V. I. Lipchenko for supplying the silicon with the pn junctions. Orig. art. has: 3 figures

SUB CODE: 20/ SUBM DATE: 09Jul65/ ORIG REF: 002/ OTH REF: 002

Card 2/2 nst

L 10464-67

ACC NR: AP604040 (N) SOURCE CODE: UR/0146/66/009/004/0061/0066

AUTHOR: Krol', K. G.; Smirnov, A. A.; Smirnov, S. A. 18

ORG: Leningrad Institute of Fine Mechanics and Optics (Leningradskiy institut
tochnoy mekhaniki i optiki)

TITLE: Automation of processing of oscillograms produced during ship tests 14

SOURCE: IVUZ. Priborostroyeniye, v. 9, no. 4, 1966, 61-66

TOPIC TAGS: automation, oscillogram processing, ship test

ABSTRACT: A semiautomatic apparatus for processing the oscillograms produced as a result of an actual ship test is described. The apparatus comprises a tape-transport mechanism, a scale-multiplying mechanism, two switches, and a counter-registering device. A principal scheme of the apparatus is explained. The apparatus, claimed to be simple, reliable, and inexpensive, aids in

Card 1/2

UDC: 681.142.5

SMIRNOV, A.A., kand. geol.-mineral. nauk

Rendering mine waters harmless without purification. Gor. zhur. no.6:
68-72 Je '65. (MIRA 18:7)

SMIRNOV, Aleksandr Il'ich

Docent; Dept Head; Odessa Polytechnical Institute, Odessa Oblast,
Ukrainian SSR

Medal for Labor Excellence, 15 Sep 61

(VVS SSSR, No 39, 27 Sep 61)

SMIRNOV, Aleksandr Aleksandrovich

[City surveying service] Gorodskaa geodezicheskaia
sluzhba. Moskva, Stroiizdat, 1965. 63 p. (MIRA 18:10)

NESTEROV, Mikhail Aleksandrovich; SMIRNOV, Andrey Aleksandrovich;
VORONIN, A.S., red.

[Interbranch standardization of founding equipment and
tools] Mezhotraslevaia normalizatsiia liteinoi osnastki i
instrumenta. Moskva, Izd-vo Standartov, 1965. 131 p.
(MIRA 18:10)

KLEYMAN, G.S.; SMIRNOV, A.D.

Use of shock absorbers in the mounting of metal-cutting tools.
Mashinostroens 12 no.2:40-41 F '63.

ALTUKHOV, Ye.N.; SMIRNOV, A.D.

Place of the intrusive magmatic activity of the Riphean in
the structure of the Sangilen highland (Tuva). Dokl. AN
SSSR 157 no.5:1107-1110 Ag '64. (MIRA 17:9)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh
elementov. Predstavleno akademikom D.I. Shcherbakovym.

CHIRKOV, A. D.

"Bashkirian Beds in North Tianshan," Dok. Ak. Nauk, 25, No. 8, 1939. Izv., Inst. Geology
Dept. Geologico-Geog. Sci., Acad. Sci., -1939-.

SMIRNOV, A. D.

Cand Tech Sci

Dissertation: "Theory of the Hydraulic Calculation and Modeling of Radial
Setting Tanks in a Water Supply System."

19/6/50

Moscow Order of the Labor Red Banner Engineering Construction Inst

imeni V. V. Kuybyshev

80 Vecheryaya Moskva
Sum 71

SMIRNOV, A.D.

New fabrics from rayon staple yarn. Tekst.prom. 14 no.7:9-11 J1 '54.
(MLRA 7:8)

1. Nauchnyy sotrudnik Ivanovskogo nauchno-issledovatel'skogo instituta.
(Rayon)

SMIRNOV, A.D.

Pocket receiver. Nauka i zhizn' 28 no.12:100-101 D '61.
(MIRA 15:2)
(Radio--Receivers and reception)

GORNOV, Oleg Feodosiyevich, dotsent, kand.tekhn.nauk; MEYENDORF, Apollinariy Vladimirovich, inzh.; NIKANOROV, Viktor Aleksandrovich, dotsent; SAVCHENKO, Vsevolod Viktorovich, inzh.; ~~SMIRNOV~~ Arkadiy Dmitriyevich, inzh.; OZEMBLOVSKIY, Ch.S., inzh., red.; SIDOROV, N.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Operation and repair of the rolling stock of electric railroads]
Eksploatatsiia i remont podvizhnogo sostava elektricheskikh
zheleznnykh dorog. Moskva, Vses.izdatel'sko-poligr.ob"edinenie
Meva putei soobshcheniia, 1960. 335 p. (MIRA 14:4)
(Electric railroads--Rolling stock)

KLEYMAN, G. S.; SMIRNOV, A. D.

Using rubber shock absorbers in mounting machine tools. Stan.
i instr. 33 no.10:38 0 162. (MIRA 15:10)

(Shock absorbers)

DANGAROV, G.P.; KONYUKHOV, G.A.; KNYAZEVA, L.G.; SMIRNOV, A.D.;
BELYAKOV, V., red.; DANILINA, A., tekhn. red.

[The 22d Congress of the CPSU and the objectives of the departments of social sciences; materials of the All-Union Conference of the Chairmen of Social Science Departments in the Institutions of Higher Education] XXII s"ezd KPSS i zadachi kafedr obshchestvennykh nauk; materialy Vsesoyuznogo soveshchaniia zaveduyushchikh kafedrami obshchestvennykh nauk vysshikh uchebnykh zavedenii. Moskva, Gospolitizdat, 1962. 525 p. (MIRA 16:4)

1. Vsesoyuznoye soveshchaniye zaveduyushchikh kafedrami obshchestvennykh nauk vysshikh uchebnykh zavedeniy, Moscow, 1962.
(Social sciences--Study and teaching)
(Social science research)

SMIRNOV, A.D.

Distribution of granitoid massifs and the rare-metal pegmatites associated with them in the general structure of the Eastern Sayan Mountains. Krat. soob. IMGRE no.1:119-124
'60. (MIRA 17:3)

S/194/62/000/001/036/066
D201/D305

AUTHOR: Smirnov, A. D.

TITLE: An instrument for laboratory and field analysis of soil systems and mountain rocks by acoustic and ultrasonic pulse methods

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 1, 1962, abstract 1-5-33 ye (V sb. Fiz.-khim. protsessy v promerzayushchikh i merzlykh gorn. porodakh. M., AN SSSR. 1961, 102-105)

TEXT: A description is given of a portable instrument, replacing cumbersome seismoscopes in the analysis of soil systems and mountain rocks, where instruments for the analysis of concrete cannot be used. The instrument is based on the instrument ИКЛ-5 (IKL-5) ✓
used for measuring cables and lines, with an increased output pulse power, increased input sensitivity and widened time range. The following features were introduced: Signal frequency shifts, synchronisation control, HT voltage regulation. The following were changed:

Card 1/2

SMIRNOV, A.D.; ALTUKHOV, Ye.N.

Comparison of the Pre-Cambrian of the Eastern Sayans and the
Sangilen Highland of Tuva. Dokl.AN SSSR 145 no.1:172-175 J1
'62. (MIRA 15:7)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh
elementov. AN SSSR. Predstavleno akademikom A.L.Yanshinym.
(Sayan Mountains--Geology, Stratigraphic)
(Sengilen Range--Geology, Stratigraphic)

SMIRNOV, Aleksandr Dmitriyevich; BULDAKOV, Vitaliy Vasil'yevich;
VLASOV, K.A., glav.red.; LEONT'YEV, L.N., doktor geol.-
miner. nauk, otv. red.; STRIGIN, V.M., red. izd-va;
PRUSAKOVA, T.A., tekhn. red.; GUSEVA, A.P., tekhn. red.

[Intrusive complexes in the Eastern Sayan Mountains] Intruzivnye komplekсы Vostochnogo Saiana. Moskva, Izd-vo Akad. nauk SSSR, 1962. 120 p. (MIRA 16:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Vlasov).
(Sayan Mountains--Rocks, Igneous)

SMIRNOV, A.D.; ALTUKHOV, Ye.N.

Boundary of the Cambrian and Pre-Cambrian of the Sangilen
Highland (southeastern Tuva). Biul.MOIP.Otd.geol. 37 no.5:
167-168 S-O '62. (MIRA 15:12)
(Sangilen Ridge—Geology,Stratigraphic)

~~SMIRNOV, Aleksandr Dmitriyevich~~; NEDUMOV, Igor' Borisovich;
BULDAKOV, Vitaliy Vladimirovich; VLASOV, K.A., glav. red.;
LEONT'YEV, L.N., doktor geol.-miner. nauk, otv. red.;
PLATOV, N.A., red. izd-va; VOLKOVA, V.V., tekhn. red.

[Riphean structures in the Eastern Sayan Mountains and the
distribution of pegmatite zones in them] Rifeiskie struktury
Vostochnogo Saiana i polozhenie v nikh pegmatitovykh polei.
Moskva, Izd-vo AN SSSR, 1963. 152 p. (MIRA 16:7)

1. Chlen-korrespondent AN SSSR (for Vlasov).
(Sayan Mountains--Pegmatites)

SMIRNOV, A.D.; ALTUKHOV, Ye.N.

Age of the Chakhyrtoyskaya, Ulanerginskaya, and Lower Tapsinskaya series of the Sangilen Range (southeastern Tuva). Izv. AN SSSR. Ser.geol. 29 no.6:94-98 Je '64. (MIRA 18:2)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov Ministerstva geologii i okhrany neдр SSSR, Moskva.

SMIRNOV, A.D.; KHARISOV, Sh.Kh., kand.veterinarnykh nauk

Kazan Veterinary Research Institute. Trudy VIEV 23:324-330 '59.
(MIRA 13:10)

(Kazan--Veterinary research)

SMIRNOV, A.D.

Reactive growth of the arterial endothelium. Doklady Akad. nauk.
SSSR 93 no.4:705-708 1 Dec 1953. (CML 25:5)

1. Presented by Academician N. N. Anichkov 30 September 1953.
2. Military Medical Academy imeni S. M. Kirov.

SMIRNOV, A.D., kandidat meditsinskikh nauk

Regeneration of the arterial wall following application of a round suture. Vest.khir.76 no.8:74-82 S '55 (MLRA 8:11)

1. Iz kafedry gistologii s embriologiyey (nach.prof. N.G.Khlopin)
i kafedry operativnoy khirurgii (nach.--prof. A.N.Maksimenkov)
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova
Leningrad, 9, Botkinskaya, ul. d. 19, kv.115.

(ARTERIES, surg.

round suture, regeneration of arterial wall, review)

(SUTURES

round suture, regeneration of arterial wall after
surg.review)

SMIRNOV, A.D.

Wall structure of the common carotid and femoral arteries in dogs
Dokl. AN SSSR 103 no.4:705-708 Ag.55. (MLRA 8:11)

1. Voenno-meditsinskaya akademiya im. S.M.Kirova. Predstavleno
akademikom Ye.N.Pavlovskim

(ARTERIES, CAROTID, anatomy and histology)

(ARTERIES, FEMORAL, anatomy and histology)

USSR/Human and Animal Morphology - (Normal and Pathological)
Cardiovascular System.

S

Abs Jour : Ref Zhur Biol., No 6, 1959, 26153

Author : Smirnov, A.D.

Inst :

Title : The Changes of Tunica Interna of V. ins After Chemical
Action on Their Wall

Orig Pub : Byul. eksperim. biol. i med., 1958, 46, No 7, 97-100

Abstract : It was shown that introduction of 20% solution of NaCl into the external wall of jugular vein of rabbit or application to the latter of crystals of NaCl induces proliferation of its tunica interna. The majority of proliferations are columns of endothelial cells which in some cases had a connective-tissular base. The formation of such columns was followed. Multiple mitoses in endothelium are regarded as appearances of biologic reaction to chemical irritation. -- L.M. Gershteyn

Card 1/1

SMIRNOV, A.D.

Dynamics of the accumulation and consumption of polysaccharides and lipids in the hepatic lobule under penetrating radiation.
TSitologiya 2 no.4:460-465 J1-Ag '60. (MIRA 13:9)

1. Voenno-meditsinskaya akademiya, Leningrad.

(POLYSACCHARIDES)

(LIPIDS)

(LIVER)

(X RAYS--PHYSIOLOGICAL EFFECT)

AUTHOR: Smirnov, A. D.

S/020/60/131/05/054/069
B011/B014

TITLE: Changes Taking Place in Neurons Under the Action of Ionizing Radiation

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 131, Nr 5, pp 1171 - 1173
(USSR)

TEXT: The author studied the dynamics of the above changes on the nodes of the symphathetic chain and on the thoracic segments of the spinal cord together with the corresponding spinal ganglia in the case of 15 male dogs, at various stages of the experimentally caused radiation sickness. The dogs were wholly irradiated simultaneously from both sides. The dosage was 6.3 r/min, the dose, measured in air, was 500 r corresponding to about LD_{50/30}. The animals were killed on the 2nd to 28th day after irradiation. They suffered from an acute radiation sickness of the second and third degree. The culmination of the disease occurred on the 10th to 21st day. The above-mentioned parts of the nervous system were fixed, and after preparing with Celloidin they were colored on cuts and examined (Figs 1-3). On the basis of observations the author found that in the case of acute radiation sickness in the nerve cells of the vasoreflex arc considerable changes take place in the distribution and amount of Nissl granules.

Card 1/3

Changes Taking Place in Neurons Under the Action of
Ionizing Radiation

S/020/60/131/05/054/069
B011/B014

The latter are known to indicate the functional state of the neuron. The above-mentioned changes are most distinctly marked during the culmination of the sickness. The author emphasizes that the dying of nerve cells takes place in two stages of the radiation sickness: during the first days after irradiation and toward the end of its culmination or at the beginning of the decline. The neurons obviously perish in the first period due to a direct effect of the penetrating rays, whereas in the second stage they die due to a permanent effect of irradiation and due to disturbances of the vascular activity. The morphological changes observed in the nervous system prove the sensitivity of neurons to ionizing radiation. They are in full agreement with data of publications and offer a further supplementation. The damages of neurons of the vasoreflex arc have to be taken into consideration both in the entire pathogenesis of the radiation sickness and within the hemorrhagic syndrome. Mention is made of A. L. Shabadash and Academician A. A. Zavarzin. There are 2 figures and 28 references, 16 of which are Soviet.

✓

Card 2/3

SMIRNOV, A.D.

Radiochemical protection of tissue cultures. TSitologiya 3 no.6:
710-713 N-D '61. (MIRA 14:12)

1. Voenno-meditsinskaya akademiya, Leningrad.
(TISSUE CULTURE) (ETHYLAMINE)
(RADIATION PROTECTION)

UGLOV, G.F.; SAZONOV, K.N.; KRASNOSHCHKOVA, L.I.; SMIRNOV, A.D.

Diagnosis of mitral and aortic stenoses by the method of catheterization of the left cavities of the heart and aorta. Kardiologiya 2 no.2:14-23 Mr-Apr '62. (MIRA 15:4)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. F.G.Uglov)
I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.
(MITRAL VALVE--DISEASES) (AORTIC VALVE--DISEASES)
(CATHETERS)

UGLOV, F.G.; SAZONOV, K.N.; KRASNOSHECHENOV, L.I.; SMIRNOV, A.D.

Diagnostic puncture of the atrium sinistrum with catheterization of the left cavities of the heart and the aorta. Trudy Inst. klin. i eksper. kard. AN Gruz. SSR 8:569-575 (IRA 17:7)

1. Iz gosspital'noy khirurgicheskoy kliniki i Leningradskogo meditsinskogo instituta.

KURYGIN, A.A.; SMIRNOV, A.D. (Leningrad)

Histological changes following replacement of arteries by lavsan prosthesis. Arkh. pat. 26 no.12:45-51 '64.

(MIRA 18:5)

1. Kafedra fakul'tetskoy khirurgii imeni Fedorova (nachal'nik - prof. V.M.Sitenko) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova. Nauchnyye rukovoditeli V.M.Sitenko i I.A.Chaliso'.

SMIRNOV, A.P.; NIKOLASOV, Yu.P.

Significance of the contrast degree and the rate of introduction of various contrast media in selective angiocardiology. Vest. rent. 1 rad. 40 no.5:21-26 S.-O '65.

(MIRA 18:12)

1. Kafedra gospiatal'noy khirurgii (zav. -- chlen-korrespondent AMN SSSR prof. F.G.Uglov) i Leningradskogo meditsinskogo instituta imeni akademika I.P.Pavlova.

SMIRNOV, A.D., dotsent, kand.ekonom.nauk, otv.red.; PANTELEYEV, V.,
red.; SMIRNOV, G., tekhn.red.

[Program for the course in economics for institutions of higher
education; 150 hours] Programma kursa politicheskoi ekonomii
dlia vysshikh uchebnykh zavedenii (150 chasov). Moskva, Izd-vo
sotsial'no-ekon.lit-ry, 1959. 31 p. (MIRA 13:4)

1. Russia (1923- U.S.S.R.) Upravleniye prepodavaniya obshchestvennykh
nauk.

(Economics--Study and teaching)

SMIRNOV, Aleksandr Dmitriyevich; SHIRYAYEV, Yu.S., red.; SHVEYTSEV,
Ye.K., red.izd-va; MURASHOVA, V.A., tekhn.red.

[Wages under capitalism; lecture on a course in political
economy] Zarabotnaia plata pri kapitalizme; lektsiia po kursu
politicheskoi ekonomii. Moskva, Gos.izd-vo "Vysshiaia shkola,"
1959. 37 p. (MIRA 13:6)

(Wages)

SMIRNOV, A.D., red.; KHUDOKORMOV, G.N., red.

[Intercollegiate Conference "Economic Problems of the Transition from Socialism to Communism"] Materialy Mezhvuzovskoi nauchnoi konferentsii "Ekonomicheskie problemy perekhoda ot sotsializma k kommunizmu," Rostov-on-Don, 1959. Moskva, Vysshiaia shkola, 1960. 373 p. (MIRA 15:3)

1. Mezhvuzovskaya nauchnaya konferentsiya "Ekonomicheskiye problemy perekhoda ot sotsializma k kommunizmu," Rostov-on-Don, 1959.

(Communism)

(Russia--Economic conditions)

SMIRNOV, A.D., kand. ekon. nauk, dots., otv. red.; BORISOV, Ye.F.,
kand. ekon. nauk, otv. red.; BUDARINA, V., red.; NOGINA, N.,
tekhn. red.

[Program for a course on economics for institutions of higher
learning (90 hours)]Programma kursa politicheskoi ekonomii dlia
vysshikh uchebnykh zavedenii (90 chasov). Moskva, Sotsekgiz,
1962. 29 p. (MIRA 15:12)

1. Russia (1923- U.S.S.R.)Upravleniye prepodavaniya obshchest-
vennykh nauk.

(Economics)

USATOV, I.A., kand. ekon. nauk; GUBIN, B.V., kand. ekon. nauk; SMIRNOV, A.D., dots.; LAPTEV, Ye.N.; MOZHIN, V.P., kand. ekon. nauk; GUMEROV, R.M.; KORYUNOV, S.N.; PSHENICHNYI, P.P.; MYAKOV, N.M.; FILATOV, N.L.; FILIPPOVA, E., red. izd-va; LEBEDEV, A., tekhn. red.

[Economics and finance of socialist enterprises] Ekonomika i finansy sotsialisticheskikh predpriyatii. Moskva, Gosfinizdat, 1962. 404 p. (MIRA 15:9)
(Industrial management) (Finance)

GUBIN, Boris Vasil'yevich; SMIRNOV, Aleksandr Dmitriyevich; USATOV,
Ivan Andreyevich; COLOBNICHY I., red.; VORONINA, R.,
tekhn. red.

[Principles of socialist management in industry] Osnovy
sotsialisticheskogo khoziaistvovaniia v promyshlennosti.
Moskva, Vysshaia shkola, 1963. 226 p. (MIRA 17:3)

BORISOV, Ye.F., dots.; BREGEL', E.Ya., prof.; BUKH, Ye.M., dots.;
VASHENTSEVA, V.M., dots.; GOLEVA, Yu.P., kand. ekon. nauk;
GOLEVA, A.P., kand. ekon. nauk; DEMOCHKIN, G.V., dots.;
DONABEDOV, G.T., kand. ekon. nauk; YERMOLOVICH, I.I., dots.;
KALYUZHNYI, V.M., dots.; KORNEYEVA, K.G., dots.; KUZNETSOVA,
A.S., prof.; MIROSHNICHENKO, V.S., dots.; MYASNIKOV, I.Ya.,
kand. ekon. nauk; PIKIN, A.S., dots.; SIDOROV, V.A.; SMIRNOV,
A.D., dots.; SOLOV'YEVA, K.F., dots.; SOROKINA, I.F., dots.;
TARUNIN, A.F., kand. ekon. nauk; KHARAKHASH'YAN, G.M., prof.;
MENDEL'SON, A.S., red.; SHVEYTSEV, Ye.K., red.; ROTOVA, R.S.,
red.; GARINA, T.D., tekhn. red.

[Economics of socialism] Politicheskaya ekonomiya sotsializ-
ma. Moskva, Gos.izd-vo "Vysshaya shkola," 1963. 476 p.
(MIRA 17:2)

GINZBURG, Semyail Aleksandrovich; LEKHTMAN, Izrail' Yakovlevich;
MOLLOV, Vladimir Sergeyevich; SMIRNOV, A.D., red.

[Principles of automatic and remote control] Osnovy av-
tomatiki i telemekhaniki. Izd.3., perer. Moskva, Ener-
giia, 1965. 511 p. (MIRA 18:6)

SUBJECT USSR/MATHEMATICS/Differential equations CARD 1/2 PG - 532
 AUTHOR SMIRNOV A.D.
 TITLE Tables of the Airy functions and of special degenerated hypergeometric functions for the asymptotic solution of differential equations of second order.
 PERIODICAL Moscow: Academy of Sciences of the USSR, Computation Center, 262 pages (1955).
 reviewed 1/1957

Let $U_1(s, \alpha)$ and $U_2(s, \alpha)$ be the solutions of the generalized Airy differential equation $U''(s) + s^\alpha U(s) = 0$ with $U_1(0, \alpha) = 1$, $U_1'(0, \alpha) = 0$ and $U_2(0, \alpha) = 0$, $U_2'(0, \alpha) = 1$. The case $\alpha = 1$ is the ordinary Airy differential equation. Let $V_1(s, p_0)$ and $V_2(s, p_0)$ be the solutions of the degenerated hypergeometric differential equation $V''(s) + ((p_0/2)(1-p_0/2)s^{-2} + s^{-1})V(s) = 0$ with $V_1(0, p_0) = 1$, $V_1'(0, p_0) = 0$ and $V_2(0, p_0) = 0$, $V_2'(0, p_0) = 1$. The solutions of these equations are related with problems which occur during the investigation of the stability of motions, in the theory of the propagation of radio waves, in the gas dynamics and in other theories. Furthermore, the asymptotic behavior of the solutions of certain ordinary differential equations of second order can be investigated by aid of these functions. - After a collection of the properties of the functions $U_1(s, \alpha)$ and $V_1(s, p_0)$ (series expansions, asymptotic expansions,

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CARD 2/2

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relations with Bessel functions) and after a graphical representation the following functions are tabulated:

1) $U_1(s, 1)$, $U_2(s, 1)$, $U_1'(s, 1)$, $U_2'(s, 1)$ for $-6 \leq s \leq 10$.

2) The integrals

$$V_{11}(s) = \int_0^s (U_1^2(s, 1) - \sqrt[3]{3} \Gamma^2(2/3) / 2\pi \sqrt{s}) ds, \quad V_{12}(s) = \int_0^s (U_1(s, 1)U_2(s, 1) - 1/2 \sqrt[3]{3} \sqrt{s}) ds,$$

$$V_{22}(s) = 1 + \int_0^s (U_2^2(s, 1) - \Gamma^2(1/3) / 2 \sqrt[3]{3} \pi \sqrt{s}) ds \quad \text{for } 0 \leq s \leq 10.$$

3) $U_1(s, \alpha)$, $U_2(s, \alpha)$, $U_1'(s, \alpha)$, $U_2'(s, \alpha)$ for $\alpha = 1/4, 1/3, 1/2, 2/3, 3/4, 5/4,$

$4/3, 3/2, 5/3, 7/4, 2; -1/4, -1/3, -1/2, -2/3, -3/4$ and for $0 \leq s \leq 6$.

4) $V_1(s, p_0)$, $V_2(s, p_0)$, $V_1'(s, p_0)$, $V_2'(s, p_0)$ for $p_0 = 0, 1; 0, 2; \dots; 1, 0$ and $0 \leq s \leq 10$.

The step width in all cases is $\Delta s = 0,01$. The values of the functions are given with 4, partially with 5 decimals. Furthermore the first 5 zeros s_1, \dots, s_5 of the functions $V_1(s, p_0)$ and $V_2(s, p_0)$ for $p_0 = 0, 1; 0, 2; \dots; 1, 0$ are given.

The arrangement of the tables is clear, the print is good.

SOV/123-59-13-51420

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 13, p 169 (USSR)

AUTHORS: Smirnov, A.D., Baklagin, A.I.

TITLE: Operational Experience With Electronic Computers

PERIODICAL: V sb.: Mekhaniz. ucheta i vychisl. rabot, Moscow-Leningrad, Mashgiz, 1958, pp 76 - 85

ABSTRACT: A description is given of the layout and design of the EV-80-3⁸⁵ electronic computer - a computing-perforating machine with a program, set in advance, carrying out four arithmetic operations (with a special program also the evolution of square roots). The methods of solving problems of linear algebra and differential equations with the EV-80-3 are analyzed in detail. The insufficient capacity of the memory units of the EV is emphasized.

A.Yu.I.

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651510013-8

Smirnov, Aleksandr Dmitriyevich

Sovremennyye matematicheskiye mashiny (Modern Computers) Moscow, Fizmatgiz, 1959.
111 p. Errata slip inserted. 35,000 copies printed.

Ed.: Yu.M. Bezborodov; Tech. Ed.: S.S. Gavrilov.

PURPOSE: This book is intended for the general reader and students in upper secondary school grades.

COVERAGE: The book describes, in popular language, the operating principles and physical foundations of the various units of mathematical models and electronic digital computers and also discusses the use of computers in the Soviet economy, and the science of cybernetics and its problems. The book mentions that the BESM computer was developed under the leadership of S.A. Lebedev, Academy of Sciences USSR, the "Strela" under Yu.Ya. Vasilevskiy, the "Ural" under B.I. Rameyev, the M-2 and M-3 under I.S. Bruka, Corresponding Member of the Academy of Sciences USSR, the IPT, MN, EMU, and EI by B.V. Ushakov, L.I. Gutenmakher, G.M. Petrov, I.M. Vittenberg, B.Ya. Kogan and other Soviet scientists. There are no references.

Card 1/3

IL'IN, Viktor Aleksandrovich; KUZNETSOV, N.A., red.; ANTIK, I.V., red.;
VESHENEVSKIY, S.I., red.; KULEBAKIN, V.S., red.; SMIRNOV, A.D.,
red.; SOTSEKOV, B.S., red.; STEFANI, Ye.P., red.; SHUMILOVSKIY,
N.N., red.; LARIONOV, G.Ye., tekhn.red.

[Remote-control systems for widely-separated objects] Sistemy
telemekhaniki dlia rassredotochennykh ob"ektov. Moskva, Gos.
energ.izd-vo, 1960. 110 p. (Biblioteka po avtomatike, no.15).
(MIRA 14:3)

(Remote control)

VOLOSNIKOV, Vladimir Petrovich; SIROTIN, A.A., kand.tekhn.nauk, red.;
ANTIK, I.V., red.; VESHENEVSKIY, S.I., red.; KULEBAKIN, V.S.,
red.; SMIRNOV, A.D., red.; SOTSKOV, V.S., red.; STEPANI, Ye.P.,
red.; SHUMILOVSKIY, N.N., red.; BORUNOV, N.I., tekhn.red.

[Use of computers for automating electric drives] Ispol'zovanie
vychislitel'nykh mashin dlia avtomatizatsii elektroprivodov.
Moskva, Gos.energ.izd-vo, 1960. 119 p. (Biblioteka po avtomatike,
no.17). (MIRA 14:3)

(Automatic control)

(Electronic calculating machines)

(Electric driving)

SMIRNOV, A. D., AKSENOV, A. YA., and KALUGINA, O. S.

"On the Conference on Information Processing" (Paris, 1959) (19 February 1960)

report delivered at a seminar on cybernetics, Moscow State University

So: Problemy kibernetiki, Issue 5, 1961, pp. 289-294

SMIRNOV, Aleksandr Dmitriyevich; ROTOVA, R.S., red.; GRIGORCHUK,
L.A., tekhn. red.

[Theoretic principles of business accounting] Teoreticheskie
osnovy khoziaistvennogo rascheta. Moskva, Vysshaya shkola,
1962. 61 p. (MIRA 16:3)

(Finance)

L 08595-67

ACC NR: ARG029282

SOURCE CODE: UR/0044/66/000/008/V058/V058

AUTHOR: Smirnov, A. D.; Bushuyev, Yu. M.; Samkov, I. I. 25

TITLE: Utilizing "Dnepr" computer in a data processing system

SOURCE: Ref. zh. Matematika, Abs. 6V370

REF SOURCE: Sb. Upravlyayushchiye mashiny i sistemy. Vyp. 2. Kiyev, 1965, 14-23

TOPIC TAGS: data processing system, computer input unit, computer output unit

ABSTRACT: Successful utilization of a data processing system is reported. In this system, the raw data coming from several measuring units is entered on perforated tape. Six measurement readings are received each second, each reading contains up to 500 bits of information, and a group of readings contains up to 400 words which may be processed in 10 minutes. The data from the perforated tape to the "Dnepr" computer and back is transmitted over channels of a telephone line 200-1000 m long. The computer output is also on perforated tape facilitating repeated processing of material. The computer input accepts data from a magnetic tape and communication channels while its output may be delivered on a high-speed printer. Additional operations are included in the computer system instruction repertoire. [Translation of abstract] 1 illustration and 1 table. V. Sh.

SUB CODE: 09

Card 1/1 *gd*

UDC: 518.5:681.142

SMIRNOV, A.D., redaktor; SKVORTSOV, I.M., tekhnicheskiiy redaktor;
~~BABOCHKIN~~ BABOCHKIN, S.N., tekhnicheskiiy redaktor

[Power engineer's manual for 1952] Spravochnaia knizhka energo-
tika na 1952 god. Moskva, Gos.energ.izd-vo, 1952 240 p.(MLBA 8:10)
(Power engineering--Tables, calculations, etc.)

NELEPETS, V.S.; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULIKOVSKIY, A.A., redaktor; MOZHEVVELOV, B.N., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHUCHIK, P.O., redaktor; SHAMSHUR, V.I., redaktor; YAKOBSON, A.Kh., redaktor; FRIDKIN, A.M., tekhnicheskiy redaktor

[Radio engineering in railroad transportation] Radiotekhnika na zheleznodorozhnom transporte. Moskva, Gos. energ. izd-vo, 1954.
43 p. (Massovaya radiobiblioteka, no. 196) [Microfilm] (MLRA 7:10)
(Radio) (Railroads--Electronic equipment)

SUTYAGIN, V.Ya.; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULIKOVSKIY, A.A., redaktor; MOZHZHEVELOV, B.N., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor; SHAMSHUR, V.I., redaktor; KRIVOSHEYEV, I.I., redaktor; FRIDKIN, A.M., tekhnicheskii redaktor.

[Circuits of television receiver scanning devices] Skhemy razverty-
vaiushchikh ustroistv televizionnykh priemnikov. Moskva, Gos. energ.
izd-vo, 1954. 93 p. (Massovaya radiobiblioteka, no. 199) (MLRA 7:9)
(Television--Receivers and reception)

PLONSKIY, A.F.; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G.,
redaktor; KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor;
TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O.,
redaktor; SHASHMUR, V.I., redaktor; SENCHENKOV, A.F., redaktor;
SKVORTSOV, I.M., tekhnicheskii redaktor

[Quartz resonators] Kvartsevye rezonatory. Moskva, Gos. energ.
izd-vo, 1954. 94 p. [Microfilm] (MLRA 7:10)
(Electric resonators)

PRESMAN, Aleksandr Samuilovich; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHECHIK, I.O., redaktor; SHAMSHUR, V.I., redaktor; KONASHINSKIY, A.D., redaktor; LARIONOV, G.Ye., tekhnicheskly redaktor.

[Centimeter waves] Santimetrovye volny. Moskva, Gos. energ. izd-vo, 1954. 119 p. (Massovaya radiobiblioteka, no. 203) [Microfilm]
(Radio waves) (MLBA 7:11)

KAYETANOVICH, Mikhail Mikhailovich, inzhener; SMIRNOV, A.D., inzhener,
redaktor; SOLOV'YEV, P.F., inzhener, redaktor; GORTINSKIY, S.M.,
redaktor; VORONIN, K.P., tekhnicheskiy redaktor.

[An electrician's handbook] Spravochnik elektromontera. Vol. 7.
[Installation of overhead electric lines with voltage up to 35 kW]
Montazh vozduzhnykh liniy elektroperedachi do 35 kv. Pod obshchei
red. A.D.Smirnova i P.F.Solov'eva, Moskva, Gos. energ. izd-vo. 1954.
302 p. (MIRA 8:1)

(Electric lines--Overhead)

SMIRNOV, A.D.

STEPANOV, Sergey; KORNDORF, S.F., redaktor; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULIKOVSKIY, A.A., redaktor; MOZHZEVELOV, B.N., redaktor SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMN, B.F., redaktor; CHECHIK, P.O., redaktor; SHAMSHUR, B.I., redaktor; VORONIN, K.P., tekhnicheskii redaktor

[Calculations for measuring instruments] Raschet izmeritel'nykh priborov. Moskva, Gos. energeticheskoe izd-vo, 1955. 30 p. (Massovaya radiobiblioteka, no.215) [Microfilm] (MIRA 8:2)
(Measuring instruments)

SMIRNOV, A. D.

ROGINSKIY, Vladimir Yur'yevich; FEYGEL'S, Viktor Zinov'yevich; BERG, A.I.,
redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULIKOVSKIY,
A.A., redaktor; MOZHZHEVELOV, B.N., redaktor; ~~SMIRNOV, A.D., redaktor;~~
TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor;
SHAMSHUR, V.I., redaktor; KUBARKIN, L.V., redaktor; LARIONOV, G.Ye.,
tekhnicheskiiy redaktor

[From microphone to loudspeaker] Ot mikroфона do gromkogovoritel'ia.
Moskva, Gos. energ. izd-vo, 1955. 63 p. (Massovaia radiobiblioteka,
no.233) (MLRA 9:2)

(Radio)

SMIRNOV, A.D.,

FEDOTOV, Yakov Andreyevich; KULIKOVSKIY, A.A., redaktor; BERG, A.I.,
redaktor; DZHIGIT I.S., redaktor; YELIN, O.G., redaktor; MOZH-
ZHEVELOV, B.N., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I.,
redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor;
SHASHMUR, V.I., redaktor.; LARIONOV, G.Ye., tekhnicheskii redaktor

[Crystal triodes] Kristallicheskie triody. Moskva, Gos.energ.
izd-vo, 1955. 94 p. (Massovaya radiobiblioteka no.216)
(Electron tubes) (MLRA 8:9)

SMIRNOV, H. D.

CHECHIK, Nikolay Oskarovich; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor;
YELIN, O.G., redaktor; KULIKOVSKIY, A.A., redaktor; MOZHZHEVLOV, B.N.
redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM B.F,
redaktor; CHECHIK, P.O., redaktor; SHAMSHUR, V.I., redaktor; ZHIGAREV,
A.A., redaktor; VORONIN, K.P., tekhnicheskly redaktor.

[Photoelectric cells and their use] Fotoelementy i ikh primeneniye
Moskva, Gos.energ.izd-vo, 1955. 111 p. (Massovaya radiobiblioteka
no.228) (MLRA 8:11)

(Photoelectric cells)

SHADOV, R.; CHECHIK, P.O. [translator]; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULIKOVSKIY, A.A., redaktor; MOZH-ZHEVELOV, B.N., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; SHAMSHUR, V.I., redaktor; LEVITIN, Ye.A., redaktor; VORONIN, K.P., tekhnicheskii redaktor

[Testing apparatus for repairing radio receivers. Translated from the German] Ispytatel'naya apparatura dlia remonta priemnikov. Perer.perevod s nemetskogo P.O.Chechika. Moskva, Gos.energ.izd-vo 1955. 125 p. (Massovaya radiobiblioteka, no.232) (MIRA 9:3)
(Radio--Receivers and reception)

SMIRNOV, A.D.

MAZEL', Klimentiy Borisovich; BROIDE, A.M., redaktor; BERG, A.I.,
redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULI-
KOVSKIY, A.A., redaktor; MOZHZHEVELOV, B.N., redaktor;
SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM, B.F.,
redaktor; CHECKIK, P.O., redaktor; SHAMSHUR, V.I., redaktor;
SKVORTSOV, I.M., tekhnicheskii redaktor

[Voltage and current stabilizers] Stabilizatory napriazheniia i
toka. Moskva, Gos.energ.izd-vo, 1955. 133 p. (Massevaia radio-
biblioteka, no.218) (MLRA 8:9)

(Voltage regulators)

СЛОВОСЛОВАРИЙ

ROZENBLATT, Moisey Aronovich; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor; YELIN, O.G., redaktor; KULIKOVSKIY, A.A., redaktor; MOZHZHEVELOV, B.N., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor; SHAMSHUR, V.I., redaktor; SENCHIKOV, A.F., redaktor; VORONIN, K.P., tekhnicheskii redaktor.

[Magnetic amplifiers] Magnitnye usiliteli. Moskva, Gos.energ. izd-vo, 1955. 135 p. (Massovaya radiobiblioteka, no.230)
(Magnetic amplifiers) (MLRA 8:11)

RIZKIN, Yefim Arenovich; BERG, A.I.; redaktor; DZHIGIT, I.S., redaktor;
KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I.,
redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor; SHAMSHUR,
V.I., redaktor; KONASHINSKIY, D.A., redaktor; VORONIN, K.P., tekhnii-
cheskiy redaktor.

[How to build a collective farm broadcasting studio] Kak postroit'
kolkhoznuiu rechevuiu studiiu. Moskva, Gos.energ. izd-vo, 1956. 14 p.
(Massovaya radiobiblioteka, no.239). (MLRA 9:6)
(Radio stations) (Radio in agriculture)

BARSUKOV, Filipp Ivanovich; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor;
KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I.,
redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor; SHAMSHUR,
V.I., redaktor; TARASOV, F.I., redaktor; LARIONOV, G.Ye., tekhnicheskii
redaktor.

[Three-tube radio receiver] Trekhlampovyi radiopriemnik. Moskva,
Gos. energ. izd-vo, 1956. 15 p. (Massovaya radiobiblioteka no.238)
(Radio--Receivers and reception) (MLRA 9:6)

Summary
CHECHIK, Petr Oskarovich; BERG, A.I.,redaktor; DZHIGIT, I.S.,redaktor
KULIKOVSKIY, A.A.,redaktor; SMIRNOV, A.D.,redaktor TRAMM, B.F.,
redaktor; SHAMSHUR, V.I.,redaktor; TARASOV, F.I.,redaktor; VORONIN,
K.P.,tekhnicheskiiy redaktor

[New sources of current for radio apparatus] Novye istochniki pitaniia
radioapparatury. Moskva, Gos. energ. izd-vo, 1956. 39 p. (Massovaya
radiobiblioteka, no.257) (MLRA 10:5)
(Radio--Apparatus and supplies) (Electric batteries)

GONCHARSKIY, Lush Abramovich; BERG, A.I., redaktor; DZHIGIT, I.S., redaktor;
KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor; TARASOV, F.I.,
redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor; SHAMSHUR,
V.I., redaktor; FROYMAN, A.I., redaktor; LARIONOV, G.Ye., tekhnicheskii
redaktor

[Electron tubes with mechanical controls] Elektronnaia lampa s
mekhanicheskim upravleniem. Moskva, Gos.energ. izd-vo 1956. 39 p.
(Massovaya radiobiblioteka, no.243) (MIRA 9:8)
(Electron tubes)

SMIRNOV A. D.
ZAGIK, Semen Yefimovich; KAPCHINSKIY, Lev, Mikhaylovich; BERG, A.I.,
redaktor; DZHIGIT, I.S., redaktor; KULIKOVSKIY, A.A., redaktor;
~~SMIRNOV, A. D.~~, redaktor; TARASOV, F.I., redaktor; TRAMM, B.F., redaktor;
GHECHIK, P.O., redaktor; SHAMSHUR, V.I., redaktor; OVCHARENKO, Ye.
P., redaktor; VORONIN, K.P., tekhnicheskyy redaktor

[Television reception antennas] Priemnye televizionnye anteny.
Moskva, Gos. energ. izd-vo, 1956. 47 p. (MLRA 10:4)
(Television--Antennas)

MIKHLIN, Berka Zys'yevich; BERG, A.I.,redaktor; DZHIGIT, I.S.,redaktor;
KULIKOVSKIY, A.A.,redaktor; SMIRNOV, A.D.,redaktor; TARASOV, F.I.,
redaktor; TRAMM, B.F.,redaktor; CHESCHIK, P.O.,redaktor;
SHAMSHUR, V.I.,redaktor; GINZBURG, Z.B.,redaktor; CHERNOV, V.S.,
tekhnicheskiiy redaktor

[Electronic instruments for production control] Radioelektronnye
pribory dlia proizvodstvennogo kontrolya. Moskva, Gos. energ.
izd-vo, 1956. 62 p. (Massovaia radiobiblioteka, no.258)
(Automatic control) (Electronic instruments)
(Production control)

SMIRNOV, A.D.

KUBARKIN, Leontiy Vladimirovich; BERG, A.I.,redaktor; DZHIGIT, I.S.,redaktor;
KULIKOVSKIY, A.A.,redaktor; ~~SMIRNOV, A.D.,redaktor~~; TARASOV, F.I.,
redaktor; TRAMM, B.F.,redaktor; CHECHIK, P.O.,redaktor; SHAMSHUR, V.I.
redaktor; GINZBURG, Z.B.,redaktor; LARIONOV, G.Ye.,tekhnicheskiiy redaktor

[Radio circuit primer] Azbuka radioskhem. Moskva, Gos. energ. izd-vo,
1956. 63 p. (Massovaya radiobiblioteka, no.259) (MLRA 10:5)
(Radio circuits)

SMIRNOV. A.D.

LOMONOSOV, Vsevolod Yur'yevich; POLIVANOV, Konstantin Mikhaylovich; ~~SMIRNOV~~
A.D., redaktor; FRIDKIN, A.M., tekhnicheskij redaktor

[Electric engineering; basic ideas] Elektrotekhnika; osnovnye ponia-
tiia. Moskva, Gos. energ. izd-vo, 1956. 383 p. (MLRA 10:4)
(Electric engineering)

SMIRNOV, A.D.

BORISOV, I.N., dots.; SMIRNOV, A.D., red.; KREYS, I.G., tekhn.red.;
SHCHEPTEVA, T.A., tekhn.red.

[Programs of pedagogical institutes; methods of teaching chemistry
for faculties of biology, chemistry and principles of agriculture]
Programmy pedagogicheskikh institutov; metodika prepodavaniia
khimii dlia fakul'tetov biologii, khimii i osnov sel'skogo khoziai-
stva. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1957.
(MIRA 11:3)
22 p.

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i
srednikh pedagogicheskikh uchebnykh zavedenii.
(Chemistry--Study and teaching)

SMIRNOV, A.D.,

LEVANDOVSKIY, Boris Andreyevich; BERG, A.I., red.; DZHIGIT, I.S., red.;
KULIKOVSKIY, A.A., red.; SMIRNOV, A.D., red.; TARASOV, F.I., red.;
TRAMM, B.F., red.; CHECHIK, P.O., red.; SHAMSHUR, V.I., red.;
SOBOLEVSKIY, A.G., red.; CHERNOV, V.S., tekhn.red.

[Portable ultrashort wave radio station] Perenosnaia UKV radio-
stantsiia. Moskva, Gos.energ.izd-vo, 1957. 31 p. (Massovaya
radiobiblioteka, no.278) (MIRA 10:11)
(Radio--Receivers and reception) (Radio--Transmitters and transmission)

KUPRIYANOVICH, Leonid Ivanovich,; BERG, A.I., redaktor. DZHIGIT, I.S.,
redaktor; KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor;
TARASOV, F.I., redaktor. TRAMM, B.F., redaktor; GUSCHIK, M.O.,
redaktor; SHANSHUR, V.I., redkator; TARASOV, F.I., redaktor;
VORONIN, K.P., tekhnicheskii redaktor.

[Pocket transceivers] Karmannye radiostantsii. Moskva, Gos.energ.
izd-vo, 1957. 31 p. (Massovaya radiobiblioteka, no.267)

(MLRA 10:6)

(Radio--Apparatus and supplies)

CONFIDENTIAL
TARASOV, F.I.; BERG, A.I.,redaktor; DZHIGIT, I.S.,redaktor; KULIKOVSKIY,
A.A.,redaktor; SMIRNOV, A.D,redaktor; TARASOV, F.I.,redaktor;
FRAMM, B.F.,redaktor; CHECHIK, P.O.,redaktor; SHAMSHUR, V.I.,
redaktor; YENYUMIN, V.V.,redaktor; MEDVEDEV, L.Ya.,
tekhnicheskiiy redaktor

[Diagrams of low-frequency amplifiers for amateurs] Skhemy
radioliubitel'skikh usilitelei nizkoi chastoty. Moskva, Gos.
energ. izd-vo, 1957. 61 p. (Massovaya radiobiblioteka, no. 264)
(MLRA 10:4)

(Amplifiers, Electron-tube)

GRUDINSKAYA, Galina Petrovna; BERG, A.I., red.; DZHIGIT, I.S., red.;
KULIKOVSKIY, A.A., red.; SMIRNOV, A.D., red.; TARASOV, F.I., red.;
CHECHIK, P.O., red.; SHAMSHUR, V.I., red.; LARIONOV, G.Ye., tekhn.red.

[Ultra-short radio wave propagation] Rasprostranenie ul'trakorotkikh
radiovoln. Moskva, Gos.energ.izd-vo, 1957. 62 p. (Massovaya radio-
biblioteka, no.281) (MIRA 10:12)

(Radio, Shortwave)

KAZARYAN, Rafael' Avetisovich; KUVSHINOV, Boris Ivanovich; NAZAROV,
Mikhail Vasil'yevich, BERG, A.I., redaktor; DZHIGIT, I.S., redaktor;
KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D., redaktor;
TARASOV, F.I., redaktor; TRAMM, B.F., redaktor; CHECHIK, P.O., redaktor;
SHAMSHUR, V.I., redaktor; KHARKEVICH, A.A., redaktor; MEDVEDEV,
L. Ya., tekhnicheskii redaktor

[Elements of the general theory of communications] Elementy
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94 p. (Massovaya radiobiblioteka, no.263) (MLRA 10:4)
(Telecommunication)

BROYDE, Abram Markovich, ; TARASOV, F.I., redaktor; BERG, A.I., redaktor;
DZHIGIT, I.S., redaktor. KULIKOVSKIY, A.A., redaktor; SMIRNOV, A.D.,
redaktor,; TRAMM, V.F., redaktor, ;CHECHIK, P.O., redaktor; SHAMSHOV,
V.I., redaktor; FRIDKIN, A.M., tekhnicheskii redaktor.

[Handbook on electron tube and semiconductor apparatus] Spravochnik po
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vo, 1957. 175 p. (Massovaya radiobiblioteka, no.269) (MLRA 10:5)
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inzh., red.; BULASHEVICH, D.N., red.; VORONIN, K.P., tekhn. red.

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No.3.[Installation of distribution devices with voltages up to
35 kv.] Montazh raspredelitel'nykh ustroystv napriazheniem do
35 kv. 1957. 272 p. (MIRA 15:1)
(Electric engineering)

SMIRNOV, A.D.

ANDREYEV, Igor' Vasil'yevich, BERG, A.I., red.; BURLYAND, V.A., red.;
VANNYEV, V.I., red.; GENISHTA, Ye.N., red.; DZHIGIT, I.S., red.;
KANAYEVA, A.M., red.; KLENKEL, B.T., red.; KULIKOVSKIY, A.A., red.;
SMIRNOV, A.D., red.; TARASOV, P.I., red.; CHECHIK, P.O., red.; SHAMSHUK,
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[Cabinet designs for radio receivers] Vneshnee oformlenie priemnika.
Moskva, Gos. energ. izd-vo, 1958. 46 p. (MIRA 11:8)
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KUGUSHEV, Aleksandr Mikhaylovich,; BERG, A.I., red.; BURDEYNYI, F.I., red.;
BURLYAND, V.A., red.; VANEYEV, V.I., red.; GENISHTA, Ye.N., red.;
DZHIGIT, I.S., red.; KANAYEVA, A.M., red.; KRENKEL', E.T., red.;
KULIKOVSKIY, A.A., red.; SMIRNOV, A.D., red.; TARASOV, F.I., red.;
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SHUMILOVSKIY, Nikolay Nikolayevich, prof., doktor tekhn.nauk; MEL'TSER,
Lel' Vladimirovich, kand.tekhn.nauk; ANTIK, I.V., red.; VESHE-
NEVSKIY, S.N., red.; KULEBAKIN, V.S., red.; SMIRNOV, A.D., red.;
SOTSKOV, B.S., red.; STEPANI, Ye.P., red.; IORDAN, G.G., red.;
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SOBOLEVSKIY, Anatoliy Georgiyevich,; BERG, A.I., red.; BURLYAND, V.A., red.;
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inzh., red.; SAPAROVA, A.L., red.; SKVORTSOV, I.M., tekhn. red.;
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Izd. 3., dop. i perer. Moskva, Gos. energ. izd-vo, 1958. 271 p.
(Spravochnik elektromontera, no.4). (MIRA 11:10)
(Electric engineering)

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